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; Search time 13.8857 Seconds (without alignments) 991.661 Million cell updates/sec
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/cgn2\_6/ptodata/1/iaa/PCTUS\_COMB.pep:\*
/cgn2\_6/ptodata/1/iaa/PCTUS\_COMB.pep:\*

Issued\_Patents\_AA:\*

Sequence 5, Appli Sequence 7, Appli Sequence 7, Appli Sequence 3, Appli Sequence 9, Appli Sequence 1, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 13, Appli Sequence 13, Appli Sequence 13, Appli Sequence 13, Appli Sequence 6, Appli Sequence 5, Appli Sequence 5, Appli Sequence 2, Appli Description US-09-436-063C-5 US-09-627-650B-7 US-09-627-650B-3 US-09-627-650B-3 US-09-627-650B-9 US-09-627-650B-9 US-09-627-650B-1 US-09-627-650B-1 US-09-627-650B-1 US-09-436-063C-1 US-09-436-063C-1 US-09-436-063C-1 US-09-527-650B-1 US-09-54B-367D-13 US-09-54B-367D-13 US-09-54B-367D-13 US-09-54B-367D-13 US-08-630-915A-5 US-08-630-915A-37 PCT-US93-02147A-2 US-08-460-309-4 US-09-627-650B-5 US-08-125-077-4 SUMMARIES DB Query Match Length Score 233 217 217 217 217 217 215.5 215.5 207 200.5 199.5 199.5 186.5 175.5 175.5 175.5 1166.5 1166.5 1166.5 1166.5 1166.5 1166.5 1166.5 1166.5 1166.5 1166.5 1166.5 1166.5 Result Š

241 CPDGTISAAGVNNWVAQNTECTNCAPNFYNNNAPNFNPGNSTCLPCPANKDYGAEATAGG 300

AATLAKQCNIACPDGTAIASG---ATNYVILQTECLNCAANFYFDGNNFQAGSSRCKACP 357

301

784 TGCAA-----CGTGTCCAATGGACCTGAAGCTGTTCCCAATGGACTCTCAACACTGTAAA 838

187 VKCRLNFYYNGNNGNTPFNPGKSQCTPCPAIKPANVAQATLGNDATIT-AQC----NVA

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ης σ σ σ σ	Junction	DB 4; Length 1917; 9e-12; es 238; Indels 90; G AFVPGASTCTPCPQ               ACGGAACCCGACACGTTCTTCCC DYAAIITECVNCRINFYNENAPNEN   ACCACACATAACT
0-3 0-3 0-3 0-15 0-15 0-15 0-15 0-15 0-16	S Junc	DB 4: .9e-1: es 2: es 2: AFTGGG DYAAII ACCACA
- 450B - 450B - 450B - 450B - 450B - 593 - 1559 - 1559 - 1565 - 1665 - 1	inmenrs cular J Thereto ,650B	3; Di tches NAAAF' GACTG' GATDY? GCAACC
US-08-900-230-3 US-08-317-450B-15 US-08-317-450B-15 US-08-800-593-13 US-08-800-593-13 US-08-900-593-86-14 US-09-183-861-22 US-09-183-861-22 US-09-183-861-22 US-09-022-765-25 US-09-022-765-25 US-09-022-765-25 US-09-036-490A-89 US-09-209-668-19 US-09-209-668-19 US-09-183-40A-89 US-09-183-40A-89 US-08-185-432-16 US-08-185-432-16		233; No. 1 Smatcl Smatcl IIAGGA: IIAGGA: IIIAGGA: IIIIIIIIIIIIII
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	Application US 6406872 ORMATION: Bamber, Bruce Jorgensen, Eruce JORGENTION: NVENTION: Meth ENCE: 21101.000 PELICATION NUMBER: LING DATE: 1998-1 LICATION NUMBER: NG DATE: 1998-1 LICATION NUMBER: NG DATE: 1998-1 LICATION NUMBER: SEQ ID NOS: 50 PatentIN Ver. 2 917 Caenorhabditis EAGONOMINER: SEQ ID NOS: 50 PatentIN Ver. 2	Similarity 5; Conser GTETNTAGOV     ACTTACCGTC AGAQPNPPAT         H TGAAA-AGAA STCTACPVNR
N	SULT 1 -09-627-650B-5 Sequence 5, Application US/09/ Batent No. 6406872 APPLICANT: Bamber, Bruce APPLICANT: Bamber, Bruce APPLICANT: Bamber, Bruce TITLE OF INVENTION: Methods FILE REFERENCE: 21101.000903 CURRENT FILING DATE: 1998-11-06 PRIOR APPLICATION NUMBER: 60, PRIOR APPLICATION NUMBER: 60, PRIOR PLILNG DATE: 1998-11-06 PRIOR FILING DATE: 1998-11-05 PRIOR FILING DATE: 1998-11-07 PRIOR PLING DATE: 1998-11-07 PRIOR FILING DATE: 1998-11-07	tch  3.2%; Score 233; DB 4; Length 1917;  115; Conservative 10; Mismatches 238; Indels 90; G  CPVGTEINTAGQVDLGTPANCVNCQKNFYINNAAFVPGASTCTPCPQ
150.5 150.5 150.5 150.5 150.5 146 144.5 144.5 144.5 144.5 144.5 143.5 144.5 145.5 146.5 14	- 650B - 650B - NINT: - NIN	Y Match Local S Local
800108459780010845	SULT 1 -09-627-650B-5 Sequence 5, Ap Batent No. 64 APPLICANT: Ba APPLICANT: Ba APPLICANT: BA TITLE OF INVE FILE REFERENC CURRENT FILIN PRIOR APPLICAN PRIOR APPLICAN PRIOR APPLICAN PRIOR APPLICAN PRIOR APPLICAN PRIOR APPLICAN PRIOR PRI	Query Match Best Local, Matches 11 23 CPV 622 CTC 72 KKD 682 AAA' 132 AGA: 726 CGT'
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                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION.

PAPPLICANT: Bamber, Bruce
APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: P-1095corrected
CURRENT APPLICATION UNMBER: U5/99/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/10727
PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.1
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881 TACGIGICGCACGAGAAGAAGICCGIG-----TCCACCGAGICTIAIG--AGIIGCCGCA 933
                                     ANKVQGAVAT-----AGGT-ATLIAQCALEC---PAGTVLTDGTTSTYKQAASEC 403
                                                                             GTTTGTACTICAGTCTATCAAGGTCGTCAATCATACGCAAAAGCTTAGTTCAGGAGAATA 993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9.2%; Score 233; DB 4; 25.4%; Pred. No. 8.9e-12;
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                                                                                                                                                                                                                                                            Sequence 5, Application US/09436063C Patent No. 6407210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Caenorhabditis elegans
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Best Local Similarity 25.49
Matches 115; Conservative
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US-09-627-650B-7
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Patent No. 6407210

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bandber, Bruce
APPLICANT: Bandber, Bruce
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: P-1095corrected
FILE REFERENCE: P-1095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR APPLICATION NUMBER: 60/107727
PRIOR PRILIG DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                127 APNFNAGASTCTACPVNRVGGALTAGNAATIVAQCNV--ACPTGTALDDGVTTDYVRSFT 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   553 ACCACAC-----ATAACTCGTTCCTTCGTA----TCGAGGGTGATGGAACGGTTTAT 600
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GENERAL INFORMATION:
APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 SANCPVGTETNTAGQVDDLGTPANCVNCQKNFYYNNAAAFVPGASTCTPCPQKKDAGAQP 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 80 NPPATANLVTQCNVKC-PAGTAIA-----GGATDYAAIITE-----CVNCRINFYNEN
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Best Local Similarity 26.4%; Pred. No. 3.2e-10;
Matches 124; Conservative 8; Mismatches 204;
                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/627,650B
CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR FILING DATE: 1999-11-09
PRIOR FILING DATE: 1999-11-09
PRIOR FILING DATE: 1998-11-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
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APPLICANT: Bamber, Bruce
APPLICANT: Bamber, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: 21101.000903
CURRENT APPLICATION NUMBER: US/09/627,650B
CURRENT FILING DATE: 1999-11-08
PRIOR FILING DATE: 1999-11-08
PRIOR FILING DATE: 1999-11-09
NUMBER: 60/107,727
NUMBER: 60/107,727
NUMBER: 60/107,727
SEQ ID NOS: 50
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 2544
                                                                                                                                                                                                                                                                              403 TGGCAAGACCCTCGAC----TAGCCTTCGGAAGTCTTGATTTGGGACTTTCCAAAGAAT 458
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                                                                                                                                               Query Match

8.5%; Score 217; DB 4; Length 2508;
Best Local Similarity 26.4%; Pred. No. 3.2e-10;
Matches 124; Conservative 8; Mismatches 204; Indels 134;
                                                                                                                                                                                                                                                                                                                                                                    CGACTCACTTACCGTCGGAGTAGACTACCTGGATAGACTGTGGAAACCCGAC----
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                                                             TYPE: PRT ORGANISM: Caenorhabditis elegans
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SOFTWARE: Patentin Ver.
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                  SEQ ID NO 7
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Patent No. 6407210
GENERAL INFORMATION:
APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Mendacde Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Mendacds Related Thereto
TITLE OF INVENTION: Mendacs Related Thereto
CURRENT APPLICATION UNMER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR APPLICATION SHEEL OF SECOND NOWS: 18
SOFTWARE: PatentIN Ver. 2.1
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Pred. No. 3.3e-10;
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Best Local Similarity 26.4%
Matches 124; Conservative
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APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematcde Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: 2101.000903
CURRENT APPLICATION NUMBER: 05/09/627,650B
CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 50
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8.5%; Score 217; DB 4; Length 2601;
Best Local Similarity 26.4%; Pred. No. 3.4e-10;
Matches 124; Conservative 8; Mismatches 204; Indels 134
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240 ACPDGTISAAGVNNWVAQNT-ECTNCAPNFYNNNAPNFNPGNSTC
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SEQ ID NO 9
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US-09-627-650B-9
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A APPLICANT: Banber, Bruce
A APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 SANCPVGTETNTAGQVDDLGTPANCVNCQKNFYYNNAAAFVPGASTCTPCPQKKDAGAQP 79
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428
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                                     762 TGTCAAGT--TTGATAC-----CTTCCAG---TTGCCGCAGTTTCAGC
  379 ALECPAGIVLIDGIISTYKQAASECVKCAANFYIIKQIDWVAGIDICISC
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ilarity 26.4%; Pred. No. 3.4e-10;
Conservative 8; Mismatches 204
                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Bamber, Bruce
APPLICANT: JOGGENSEN, Erik
TITLE OF INVENTION: Methods Related Thereto
FILE REPERBRUE: Pl095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR PILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PATENTIN OF: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09627650B Patent No. 6406872
                                                                                                                                                           Sequence 9, Application US/09436063C
Patent No. 6407210
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Matches 124; Conserv
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US-09-436-063C-9
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Sequence 11, Application US/09627650B
Petent No. 6406872
GENERAL INFORMATION:
APPLICANT: Bamber, Bruce
APPLICANT: Bamber, Bruce
TITLE OF INVENTION: Methods Related Thereto
FILE REPERENCE: 21101.000903
CURRENT APPLICATION NUMBER: 05/09/627,650B
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR PILING DATE: 1999-11-08
PRIOR PILING DATE: 1999-11-08
PRIOR FILING DATE: 1999-11-08
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                 76 GAQPNPPATANLVTQCNVKCPAGTAIAGGATDYAAIITECVNCRINFYNENAPNFNAGAS 135
                                                                                                                                                                                                                                                                                                                       170 GGTTGTGACA------CAGGATGAGGACTCACATATCAACAC------TCAAC 210
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Pred. No. 8.6e-10;
9; Mismatches 212; Indels 156;
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                                                                                      Query Match

8.5%; Score 215.5; DB 4;
Best Local Similarity 26.7%; Pred. No. 2.5e-10;
Matches 117; Conservative 6; Mismatches 217;
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Best Local Similarity 24.9%;
Matches 125; Conservative
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LENGTH: 1128
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APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Weeholds Related Thereto
FILE REFERENCE: P-1095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT APPLICATION NUMBER: 05/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 18
SOFWARE: Patentin Ver. 2.1
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8.5%; Score 215.5; DB 4;
Best Local Similarity 26.7%; Pred. No. 2.5e-10;
Matches 117; Conservative 6; Mismatches 217;
FILE OF INVENTION: Methods Related Thereto FILE REFERENCE: 21101.009913 CURRENT APPLICATION NUMBER: US/09/627,650B CURRENT FILING DATE: 2000-07-28 FRIOR APPLICATION NUMBER: 09/436,063 PRIOR RILING DATE: 1999-11-08 PRIOR APPLICATION NUMBER: 60/107,727 PRIOR FILING DATE: 1998-11-09 NUMBER: OF SEQ ID NOS: 50 SOFTWARE: PATENTIN VET. 2.1 SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/09436063C Patent No. 6407210 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                              ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT ORGANISM: Caenorhabditis elegans
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ATTCCTCGGTTTCTGCTATCTT 590
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REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
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ilarity 25.8%;
Conservative
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LENGTH: 1345 amino acids
TYPE: amino acid
STRANDEDNESS: single
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: Herewith
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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Best Local Similarity
Matches 111; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AGTIATAAATTCA-C-----TAAAATCTGCCAAAAACGGACACTTGCCAGCAC 319
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                                                                                                                                                                                                                                                                                         258 NTECTNCAPNFYNNNAPNFNPGNSTC------1PCPANKDYGAEATAGGAAT---- 303
                                                                                                                                                                                                                                                                                                                               TITIAICA-------TGGAICTCATICTGGAICAATCGIGA-CICGGCGCCTICG 467
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TITLE OF INVENTION: Methods Related Thereto
TITLE OF INVENTION: Methods Related Thereto
TITLE OF INVENTION: Methods Related Thereto
CURRENT APPLICATION NUMBER: 05/09/436,063C
CURRENT FILING DATE: 1999-11-09
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PATENTION OF: 2.1
SEQ ID NO 11
LENGTH: 1128
213 ACGTCGAAGGAGCCGAATTGTTCGACAGCGGTCAAGGCCGACGCGAACATCGAACTGTCG 272
                                                                                                                        ---LTAGNAATIVAQCNVACPTGTALDDGVTTDYVRSFTE------CVKCRLNFYYNG 197
                                                                                                                                                              320 TICATCGGGGACCTACTCTCGTCTACGGGTTAGTTTCATATTTGATCGCGACA-----G 373
                                                                                                                                                                                                         198 NNGNTPFNPGKSQCTPCPAIKPANVAQATLGNDATITAQCNVACPDGTISAAGVNNWVAQ 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               273 AGTIAIAAAITCA-C-----TAAAAICIGCCAAAAAGGGACACIIGCCAGCAC
                                                                                                                                                                                                                                                                                                                                                                        --LAKQCNIACPDGTAI-ASGATNYVILQTECLNCAANFYFDGNNFQAGSSRCKACPANK
                                                                                                                                                                                                                                                                                                                                                                                                               468 CGAACCCTAATCGGTACGATGACG----GTGC-TCACT-----GAGACTCATC--TT
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                                                                                                                                                                                                                                              374 CGGCTTCTACTTTCTTCAA----ATATTTTCCCTGCCAGCCTCGTCGTAG-----
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Matches 125; Conservative 9; Mismatchen 125
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                                          GATDYAAIITECVNCRINFYNENAPNFNAGASTCTAC -- PVNRVGGA-
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Patent No. 6407210
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APPLICANT: Jorgensen, Erik
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-436-063C-11
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                                                                                                                                                                                                                                                                                                                                                    513 ATGACCGGAACCAATCGACGTCTTCCA--CCAGT--TGCCTATGTAAAAGCCGTTGATGT 568
                                                                                                                                             421 TITIATCA------TGGATCTCATTCTGGATCATCGTCA-CTCGGCCCTTCG 467
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198 NNGNTPFNPGKSQCTPCPAIKPANVAQATLGNDATITAQCNVACPDGTISAAGVNNWVAQ 257
                                                                                                                                                                                                                                                  468 CGAACCCTAATCGGTACGATGACG----GTGC-TCACT------GAGACTCATC--TT
                                                                                                     NTECTNCAPNFYNNNAPNFNPGNSTC------LPCPANKDYGAEATAGGAAT----
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                                                  374 CGGCTTCTACTTTCTTCAA-----ATATTTTCCCTGCCAGCCTCGTCGTAG
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Pred. No. 4e-09;
5; Mismatches 212;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/08977767
Patent No. 5972684
GENERAL INFORMATION:
APPLICANT: Bandom, Olga
APPLICANT: Yue, Henry
APPLICANT: Creenwald, Sara
APPLICANT: Corelly, Weil C.
TITLE OF INVENTION: CARBONIC ANHYDRASE VIII
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER REDABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: Herewith
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Sequence 13, Application US/09548367D

Sequence 13, Application US/09548367D

GENERAL INFORMATION:

APPLICANT: GUNNEY ET AL.

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION UNMBRR: US/09/548,367D

CURRENT APPLICATION NUMBER: US 60/155,493

PRIOR PPLICATION NUMBER: US 60/155,493

PRIOR FILING DATE: 1999-09-23

PRIOR FILING DATE: 1999-09-23

PRIOR FILING DATE: 1999-09-23

PRIOR FILING DATE: 1999-09-23

PRIOR FILING DATE: 1999-09-24

NUMBER OF SEQ ID NOS: 73

SOFTWARE: PATENTIN VERSION 3.1
                                                                                                                                                                                                                 1912 GCGACAGTGATCTTCA------TCACCTTGGTGATGCTGAAGAACA 1955
                                                                                                                                                                                                                                                                                                       1956 GTACACATCCATCATGATGTGTGGTGGAGGTTG----ACGCCGCTGTCACCCCAGAGG 2011
                                                                                                                                                                                                                                                                                                                                                                                          2012 AGCGCCACCTGTCCAAGATGCAGCAGAACGGCTACGAAAATCCAACCTACAAGTTCT--T 2069
                                         C-----AGGATATGAAGTICATC-ATCAAAAATTGGTGT--TCTTTGCA------ 1851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1772 ------TCTCTGAAGTGAAGATGCAGAATTCCGACA------TGACT 1810
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137 CTACPVNRVGGALTAGNAATIVAQCNVACPTGTALDDGVTTDYVRSFTECVKCRLNFYYN 196
                                                                                                                                                                           GVNNWVAQNTECTNCAPNFYNNNAPNFNPGNSTCLPCP-----ANKDYGAEATA 298
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               137 CTACPVNRVGGALTAGNAATIVAQCNVACPIGTALDDGVTTDYVRSFTECVKCRLNFYYN 196
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 23 CPVGTETNTAGQVDDLGTPANCVNCQKNFYYNNAAAFVPGASTCT--PCPQKKDAGAQPN 80
                                                                                                                             1852 GAAGATGTGGGTTCAAACAAAGGTGCAATCATTGGACTCATGGTGGCGGGGTGTTGTCATA
                                                                                   197 GNNGNTPFNPGKSQCTPCPAIKPANVAQ--ATLGNDATIT----AQCNVACPDGTISAA
                                                                                                                                                                                                                                                                                                                                                   ----FYFDGNNFQAGSSRCKACPANKVQGAVATAGGTATLIAQCALECPAGTVLTDGT
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Pred. No. 8.9e-09;
7; Mismatches 184;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TGAGCAGATGCAGAA 2084
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US-09-548-367D-13
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Best Local Similarity
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Patent No. 6420534

GENERAL INFORMATION:

TITLE OF INVENTION:

TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR AND USES

TITLE OF INVENTION: THEREOF

FILE REFERENCE: 29915/62801

CURRENT APPLICATION NUMBER: US/09/548,372D

CURRENT PILING DATE: 1999-09-23

PRIOR APPLICATION NUMBER: US 60/155,493

PRIOR FILING DATE: 1999-09-23

PRIOR FILING DATE: 1999-09-24

NUMBER OF SEQ ID NOS: 73

SOFTWARE: PRECATION VEFSION 3.1

SEQ ID NO 134
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                                                   649 AGCACGGACGGAGCTGGCTCTGAACACCAGATCAACCATCAGGGTTTCTCTGCTGAGGTG 708
                                                                                                                                                                                  AGASTCTACPVNRVGGALTAGNAAT--IVAQCNVACPTGTALDDGVTTDYVRSFTECVKC 189
                                                                                                                                                                                                                                                                    190 RLNFYYNGNNGNTPFNPGKSQCTPCPAIKPANVAQATLGNDATITAQCNVACPDGTISAA 249
                                                                                                                                                                                                                                                                                                                -----GGCTG-----GTAGCT-CAAACCCGTTCCTCAGACGCCTCCTTAACCGTGACA 850
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             927 CTTTGGCTTCATCA - CCTATCAGGGCTCTCTCAGCACCCCAC--CCTGCT--CGAGAC 980
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                                                                                            77 AQPNPPATANLVTQCNVKCPAG----TAIAGGATDYAAIITECVNCRINFYNENAPNFN
         21 ANCPVGTETNTAGQVDDLG-TPANCVNCQKNFYYNNAAAFVPGAS---TCTPCPQKKDAG
                                                                                                                               CAACTCATCCACTTCAACCAAGAACTCTATGGGAACCTCAGTGCCGCCA-----CC
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Pred. No. 8.9e-09;
7; Mismatches 184;
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US-09-548-372D-13
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US-09-548-372D-13
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